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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/762,652	01/22/2004	Pravin M. Patel	FLI-11502/03	5292
25006 7590 07/03/2007 GIFFORD, KRASS, SPRINKLE,ANDERSON & CITKOWSKI, P.C PO BOX 7021			EXAMINER	
			HUI, SAN MING R	
TROY, MI 48007-7021		ART UNIT	PAPER NUMBER	
			. 1617	
	•			
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	•	•	07/03/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)
	10/762,652	PATEL, PRAVIN M.
Office Action Summary	Examiner	Art Unit
	San-ming Hui	1617
The MAILING DATE of this communication ap Period for Reply	pears on the cover sheet w	ith the correspondence address
A SHORTENED STATUTORY PERIOD FOR REPL WHICHEVER IS LONGER, FROM THE MAILING Description of time may be available under the provisions of 37 CFR 1 after SIX (6) MONTHS from the mailing date of this communication. If NO period for reply is specified above, the maximum statutory period Failure to reply within the set or extended period for reply will, by statut Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUNION (136(a). In no event, however, may a standard will apply and will expire SIX (6) MON te, cause the application to become Al	CATION. reply be timely filed ITHS from the mailing date of this communication. BANDONED (35 U.S.C. § 133).
Status		
Responsive to communication(s) filed on 2a) ☐ This action is FINAL . 2b) ☑ This 3) ☐ Since this application is in condition for allowed closed in accordance with the practice under	is action is non-final. ance except for formal mat	
Disposition of Claims		
4) Claim(s) 1-18 is/are pending in the application 4a) Of the above claim(s) is/are withdra 5) Claim(s) is/are allowed. 6) Claim(s) 1-18 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/	awn from consideration.	
Application Papers		
9) The specification is objected to by the Examin 10) The drawing(s) filed on is/are: a) ac Applicant may not request that any objection to the Replacement drawing sheet(s) including the correct 11) The oath or declaration is objected to by the E	cepted or b) objected to e drawing(s) be held in abeyar ction is required if the drawing	nce. See 37 CFR 1.85(a). (s) is objected to. See 37 CFR 1.121(d).
Priority under 35 U.S.C. § 119		
12) Acknowledgment is made of a claim for foreig a) All b) Some * c) None of: 1. Certified copies of the priority documer 2. Certified copies of the priority documer 3. Copies of the certified copies of the priority application from the International Burea * See the attached detailed Office action for a list	nts have been received. nts have been received in A ority documents have been au (PCT Rule 17.2(a)).	Application No received in this National Stage
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(Summary (PTO-413) s)/Mail Date
3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date 4-13-04.	5)	Informal Patent Application

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DETAILED ACTION

Claims 1-18 are pending.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 1-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over US 5,650,156 from the IDS filed 4/13/2004) in view of Remington's Pharmaceutical Sciences, 18th ed., 1990, pages 956-971.

'156 teaches a drug delivery system employing hemoglobin microsphere. Such delivery system is suitable for the delivery of steroidal anti-inflammatory agents such as hydrocortisone when they are dissolved in biocompatible oil such as safflower oil (See col. 26, lines 6-15 and 25-27).

'156 does not teach the delivery of hydrocortisone butyrate.

Remington teaches hydrocortisone butyrate as anti-inflammatory agent (See 970, col. 1). Remington also teaches hydrocortisone as insoluble in water (See page 965, col. 1). Remington also teaches esterification of hydrophobic organic acid decreases solubility (See page 958, col. 2, second paragraph).

It would have been obvious to one of ordinary skill in the art at the time of invention to deliver hydrocortisone butyrate using the delivery system of '156.

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One of ordinary skill in the art would have been motivated to deliver hydrocortisone butyrate using the delivery system of '156 since the solubility of hydrocortisone butyrate is an ester of hydrocortisone. It would be reasonably expected that hydrocortisone butyrate is even less soluble than hydrocortisone itself and be soluble in biocompatible oil such as those taught in '156. Formulating the ester of hydrocortisone including hydrocortisone butyrate in the delivery system of '156 since substituting a compound with the ester of that same compound is obvious. The stabilizing steps recited in the claims are therefore suggested in the cited prior art. And the cited prior art render the herein claims obvious.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to San-ming Hui whose telephone number is (571) 272-0626. The examiner can normally be reached on Mon 9:00 to 1:00, Tu - Fri from 9:00 to 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sreeni Padmanabhan, PhD., can be reached on (571) 272-0629. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

San-ming Hul 'Primary Examiner

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